

P23681.P09

Sheet 1 of 2

ORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23681Application No.
10/646,748INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
2851

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 9 3 7 6 0 9	06/26/90	WAKABAYASI et al.			
	4 9 7 4 9 4 9	12/04/90	TANAKA			
	5 0 9 9 2 6 3	03/24/92	MATSUMOTO et al.			
	5 2 1 0 6 4 4	05/11/93	NOMURA			
	5 3 7 6 9 8 3	12/27/94	YAMAZAKI et al.			
	5 6 3 6 0 6 2	06/03/97	OKUYAMA et al.			
	5 8 7 0 2 3 2	02/09/99	TSUJI et al.			
	5 9 1 2 7 7 2	06/15/99	AOKI			
	5 9 2 6 3 2 2	07/20/99	IWASAKI			
	6 4 9 0 0 9 9	12/03/02	SASAKI			
	6 5 7 0 7 1 8	05/27/03	NOMURA et al.			
	6 6 1 1 6 6 3	08/26/03	NAKAGAWA			
	6 7 1 1 3 4 9	03/23/04	DIRISIO			
	6 7 5 7 4 8 9	06/29/04	NOMURA et al.			
2001/	0 0 1 7 7 3 8	08/30/01	NOMURA et al.			
2002/	0 1 8 1 9 5 3	12/05/02	ICHINOKAWA			
2003/	0 0 0 7 7 9 6	01/09/03	NOMURA et al.			
	6 6 6 5 1 2 9	12/16/03	NOMURA et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.
2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.
3	Digital CAPA March 2003, together with an English language translation of the same.
4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.

EXAMINER

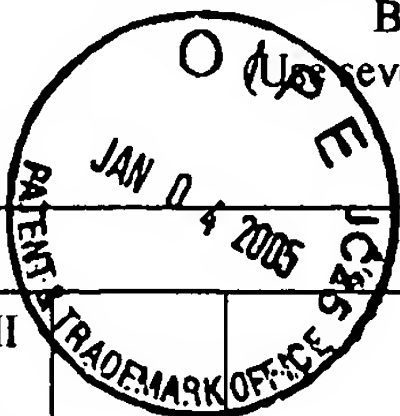
DATE CONSIDERED

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[Signature]	2003/	0	1	5	6	8	3	2	08/21/83	NOMURA et al.			
		5	0	8	6	3	1	2	02/04/92	TANAKA et al.			
		5	5	4	8	4	4	6	08/20/96	ENOMOTO			
		5	7	6	5	0	4	9	06/09/98	HASE et al			
		4	9	5	2	9	5	5	08/28/90	IWATA et al.			
		4	9	3	7	6	0	9	06/26/90	WAKABAYASHI et al.			
		5	9	0	9	6	0	0	06/01/99	KOSAKO			
		4	5	4	5	6	6	1	10/08/85	HAMAGUCHI et al.			
		5	7	9	0	9	1	1	08/04/98	REIBL			
		5	7	9	0	9	0	7	08/04/98	REIBL			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
[Signature]	2003	-	1	4	9	7	2	3	05/21/03	JAPAN			X	
		0	5	9	8	7	0	3	05/25/94	E.P.O				
	9	-		1	5	6	8	2	01/17/97	JAPAN				
		0	8	1	0	4	6	6	03/12/97	E.P.O				
		3	3	1	7	9	9	9	11/24/83	GERMANY				
	1	9	6	2	3	0	6	6	12/11/97	GERMANY				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

[Signature]	5	English language Abstract of JP 9-15682.											

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[Signature]

DATE CONSIDERED

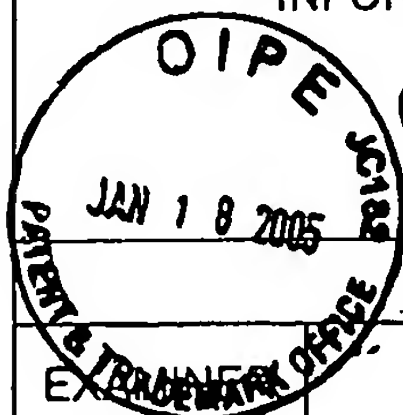
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1776

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INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 7 9 1 4 4 1	12/13/88	NISHI et al.			
	3 3 7 7 4 2 7	04/09/68	FISCHER			
	5 7 1 5 4 8 2	02/03/98	WAKABAYASHI et al.			
	4 5 9 7 6 5 7	07/01/86	WAKABAYASHI			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	8 - 3 1 3 7 9 0	11/29/96	JAPAN			
	6 - 2 3 0 2 6 3	08/19/94	JAPAN			
	10 - 2 5 4 0 5 4	09/25/98	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English Language Abstract of JP 8-313790.
	2	English Language Abstract of JP 6-230263.
	3	English Language Abstract of JP 10-254054.
	4	English Language Abstract of JP 2003-149723.

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